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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

COUNTRY Germany (Soviet Zone)

SUBJECT Funkwerk Berlin-Köpenick, Production of Radio
Transmission EquipmentPLACE ACQUIRED
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1. The development department of the VEB-Funkwerk Berlin-Köpenick is working on a 50 KW short wave sender for wave lengths of 13 to 100 meters. The end stage is developed for either single or double sideband amplification. As at present developed, it can only be built for commercial use.
2. Development of a second type will be worked out for the following specifications: HFA, for commercial use; HFB, for broadcasting. The end tubes are Telefunken tubes of type RS 576 or RS 586. The sender is provided with two of these tubes. Filament heating will be by direct current. The sender will be equipped with a Buschbeck measurer for quick antenna adjustment.
3. The following are under construction at present: One 1 Kw ultra short wave (UKW) sender; one small medium wave sender (power not known); a second 275 KW sender unit; one such has already been delivered to Dresden. Units of this kind are used by every large broadcasting station. The Köpenick sender (Berlin I) for example transmits currently with 300 KW, but it has two 275 KW units so that it can raise its power to 550 KW without special changes.
4. A 50 KW short wave sender delivered in November 1953 is now being installed at Leipzig.
5. Eight instrument transformers were delivered to the Soviet Union in December 1953. Material tests in connection with this apparatus are going on at the plant; the material is to be used for ring cores for transformers for these instruments.

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